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Simulations of Convection Zone Flows and Measurements from Multiple
Viewing Angles

Abstract:

A deep-focusing time-distance measurement technique has been applied to linear acoustic simulations of a solar interior perturbed by convective flows. The simulations are for the full sphere for $r/R > 0.2$. From these it is straightforward to simulate the observations from different viewing angles and to test how multiple viewing angles enhance detectability.

Some initial results will be presented.